

SEQUENCE LISTING

<110> Human Genome Sciences, Inc.

<120> Keratinocyte Derived Interferon

<130> PF482P1

<140> Unassigned

<141> 2000-01-20

<150> 60/093,643

<151> 1998-07-21

<150> PCT/US99/16424

<151> 1999-07-21

<160> 54

<170> PatentIn Ver. 2.1

<210> 1

<211> 1170

<212> DNA

<213> Homo sapiens

<220>

<221> CDS

<222> (35)..(655)

<400> 1

ccacgcgtcc gggatttttt agcttgcaaa aaaa atg agc acc aaa cct gat atg 55
 Met Ser Thr Lys Pro Asp Met
 1 5

att caa aag tgt ttg tgg ctt gag atc ctt atg ggt ata ttc att gct 103
 Ile Gln Lys Cys Leu Trp Leu Glu Ile Leu Met Gly Ile Phe Ile Ala
 10 15 20

ggc acc cta tcc ctg gac tgt aac tta ctg aac gtt cac ctg aga aga 151
 Gly Thr Leu Ser Leu Asp Cys Asn Leu Leu Asn Val His Leu Arg Arg
 25 30 35

gtc acc tgg caa aat ctg aga cat ctg agt agt atg agc aat tca ttt 199
 Val Thr Trp Gln Asn Leu Arg His Leu Ser Ser Met Ser Asn Ser Phe
 40 45 50 55

cct gta gaa tgt cta cga gaa aac ata gct ttt gag ttg ccc caa gag 247
 Pro Val Glu Cys Leu Arg Glu Asn Ile Ala Phe Glu Leu Pro Gln Glu
 60 65 70

ttt ctg caa tac acc caa cct atg aag agg gac atc aag aag gcc ttc 295
 Phe Leu Gln Tyr Thr Gln Pro Met Lys Arg Asp Ile Lys Lys Ala Phe
 75 80 85

tat gaa atg tcc cta cag gcc ttc aac atc ttc agc caa cac acc ttc 343
 Tyr Glu Met Ser Leu Gln Ala Phe Asn Ile Phe Ser Gln His Thr Phe
 90 95 100

aaa tat tgg aaa gag aga cac ctc aaa caa atc caa ata gga ctt gat 391
 Lys Tyr Trp Lys Glu Arg His Leu Lys Gln Ile Gln Ile Gly Leu Asp
 105 110 115

254

72540

0048792-012000

```
<210> 2
<211> 207
<212> PRT
<213> Homo sapiens
```

Met Ser Thr Lys Pro Asp Met Ile Gln Lys Cys Leu Trp Leu Glu Ile
1 5 10 15

Leu Met Gly Ile Phe Ile Ala Gly Thr Leu Ser Leu Asp Cys Asn Leu
20 25 30

Leu Asn Val His Leu Arg Arg Val Thr Trp Gln Asn Leu Arg His Leu
35 40 45

Ser Ser Met Ser Asn Ser Phe Pro Val Glu Cys Leu Arg Glu Asn Ile
50 55 60

255

```
<210> 3
<211> 238
<212> PRT
<213> Homo sapiens
```

256

Leu Glu Leu Arg Arg Tyr Phe His Arg Ile Asp Asn Phe Leu Lys Glu
 145 150 155 160
 Lys Lys Tyr Ser Asp Cys Ala Trp Glu Ile Val Arg Val Glu Ile Arg
 165 170 175
 Arg Cys Leu Tyr Tyr Phe Tyr Lys Phe Thr Ala Leu Pro Ala Leu Thr
 180 185 190
 Leu Arg Arg Tyr Phe Gln Gly Ile Arg Val Tyr Leu Lys Glu Lys Lys
 195 200 205
 Tyr Ser Asp Cys Ala Trp Glu Val Val Arg Met Glu Ile Met Lys Ser
 210 215 220
 Leu Phe Leu Ser Thr Asn Met Gln Glu Arg Leu Arg Ser Lys
 225 230 235

<210> 4
 <211> 187
 <212> PRT
 <213> Homo sapiens

<400> 4
 Met Thr Asn Lys Cys Leu Leu Gln Ile Ala Leu Leu Leu Cys Phe Ser
 1 5 10 15
 Thr Thr Ala Leu Ser Met Ser Tyr Asn Leu Leu Gly Phe Leu Gln Arg
 20 25 30
 Ser Ser Asn Phe Gln Cys Gln Lys Leu Leu Trp Gln Leu Asn Gly Arg
 35 40 45
 Leu Glu Tyr Cys Leu Lys Asp Arg Met Asn Phe Asp Ile Pro Glu Glu
 50 55 60
 Ile Lys Gln Leu Gln Gln Phe Gln Lys Glu Asp Ala Ala Leu Thr Ile
 65 70 75 80
 Tyr Glu Met Leu Gln Asn Ile Phe Ala Ile Phe Arg Gln Asp Ser Ser
 85 90 95
 Ser Thr Gly Trp Asn Glu Thr Ile Val Glu Asn Leu Leu Ala Asn Val
 100 105 110
 Tyr His Gln Ile Asn His Leu Lys Thr Val Leu Glu Glu Lys Leu Glu
 115 120 125
 Lys Glu Asp Phe Thr Arg Gly Lys Leu Met Ser Ser Leu His Leu Lys
 130 135 140
 Arg Tyr Tyr Gly Arg Ile Leu His Tyr Leu Lys Ala Lys Glu Tyr Ser
 145 150 155 160
 His Cys Ala Trp Thr Ile Val Arg Val Glu Ile Leu Arg Asn Phe Tyr
 165 170 175
 Phe Ile Asn Arg Leu Thr Gly Tyr Leu Arg Asn
 180 185

<400> 6
Met Ala Leu Leu Phe Pro Leu Leu Ala Ala Leu Val Met Thr Ser Tyr
1 5 10 15
Ser Pro Val Gly Ser Leu Gly Cys Asp Leu Pro Gln Asn His Gly Leu
20 25 30
Leu Ser Arg Asn Thr Leu Val Leu Leu His Gln Met Arg Arg Ile Ser
35 40 45
Pro Phe Leu Cys Leu Lys Asp Arg Arg Asp Phe Arg Phe Pro Gln Glu

258

50 55 60

Met Val Lys Gly Ser Gln Leu Gln Lys Ala His Val Met Ser Val Leu
65 70 75 80

His Glu Met Leu Gln Gln Ile Phe Ser Leu Phe His Thr Glu Arg Ser
85 90 95

Ser Ala Ala Trp Asn Met Thr Leu Leu Asp Gln Leu His Thr Glu Leu
100 105 110

His Gln Gln Leu Gln His Leu Glu Thr Cys Leu Leu Gln Val Val Gly
115 120 125

Glu Gly Glu Ser Ala Gly Ala Ile Ser Ser Val Pro Gln Leu Ser Ser
130 135 140

Leu Glu Leu Arg Arg Tyr Phe His Arg Ile Asp Asn Phe Leu Lys Glu
145 150 155 160

Lys Lys Tyr Ser Asp Cys Ala Trp Glu Ile Val Arg Val Glu Ile Arg
165 170 175

Arg Cys Leu Tyr Tyr Phe Tyr Lys Phe Thr Ala Leu Pro Ala Leu Thr
180 185 190

Leu Arg Arg Tyr Phe Gln Gly Ile Arg Val Tyr Leu Lys Glu Lys Lys
195 200 205

Tyr Ser Asp Cys Ala Trp Glu Val Val Arg Met Glu Ile Met Lys Ser
210 215 220

Leu Phe Leu Ser Thr Asn Met Gln Glu Arg Leu Arg Ser Lys Asp Arg
225 230 235 240

Asp Leu Gly Ser Ser
245

<210> 7
<211> 189
<212> PRT
<213> Homo sapiens

<400> 7

Met Ala Leu Ser Phe Ser Leu Leu Met Ala Val Leu Val Leu Ser Tyr
1 5 10 15

Lys Ser Ile Cys Ser Leu Gly Cys Asp Leu Pro Gln Thr His Ser Leu
20 25 30

Gly Asn Arg Arg Ala Leu Ile Leu Leu Gly Gln Met Gly Arg Ile Ser
35 40 45

Pro Phe Ser Cys Leu Lys Asp Arg His Asp Phe Arg Ile Pro Gln Glu
50 55 60

Glu Phe Asp Gly Asn Gln Phe Gln Asp Ala Gln Ala Ile Ser Val Leu
65 70 75 80

His Glu Met Ile Gln Gln Thr Phe Asn Leu Phe Ser Thr Glu Asp Ser
85 90 95

259

000210-2628460

<400>	8														
Met	Ala	Leu	Ser	Phe	Ser	Leu	Leu	Met	Ala	Val	Leu	Val	Leu	Ser	Tyr
1				5					10					15	
Lys	Ser	Ile	Cys	Ser	Leu	Gly	Cys	Asp	Leu	Pro	Gln	Thr	His	Ser	Leu
			20					25					30		
Gly	Asn	Arg	Arg	Ala	Leu	Ile	Leu	Leu	Ala	Gln	Met	Gly	Arg	Ile	Ser
		35					40					45			
Pro	Phe	Ser	Cys	Leu	Lys	Asp	Arg	His	Asp	Phe	Gly	Phe	Pro	Gln	Glu
	50					55					60				
Glu	Phe	Asp	Gly	Asn	Gln	Phe	Gln	Lys	Ala	His	Val	Met	Ser	Val	Leu
65					70					75					80
His	Glu	Met	Leu	Gln	Gln	Ile	Phe	Ser	Leu	Phe	His	Thr	Glu	Arg	Ser
				85					90					95	
Ser	Ala	Ala	Trp	Glu	Gln	Ser	Leu	Leu	Glu	Lys	Phe	Ser	Thr	Glu	Leu
			100					105					110		
Asn	Gln	Gln	Leu	Asn	Asp	Leu	Glu	Ala	Cys	Val	Ile	Gln	Glu	Val	Gly
		115					120					125			
Val	Glu	Glu	Thr	Pro	Leu	Met	Asn	Val	Asp	Ser	Ile	Leu	Ala	Val	Lys
	130					135					140				
Lys	Tyr	Phe	Gln	Arg	Ile	Thr	Leu	Tyr	Leu	Thr	Glu	Lys	Lys	Tyr	Ser
145					150					155					160
Pro	Cys	Ala	Trp	Glu	Val	Val	Arg	Ala	Glu	Ile	Met	Arg	Ser	Phe	Ser
				165					170					175	
Leu	Ser	Lys	Ile	Phe	Gln	Glu	Arg	Leu	Arg	Arg	Lys	Glu			
			180					185							

260

[illegible]

```
<400> 10
Met Pro Leu Ser Phe Ser Leu Leu Met Ala Val Leu Val Leu Ser Tyr
   1                      5              10                15

Lys Ser Ile Cys Ser Leu Gly Cys Asp Leu Pro Gln Thr His Ser Leu
          20                  25             30

Gly Asn Arg Arg Ala Trp Ile Leu Leu Ala Gln Met Gly Arg Ile Ser
      35               40         45
```

261

His Phe Ser Cys Leu Lys Asp Arg Tyr Asp Phe Gly Phe Pro Gln Glu
 50 55 60
 Val Phe Asp Gly Asn Gln Phe Gln Lys Ala Gln Ala Ile Ser Ala Phe
 65 70 75 80
 His Glu Met Ile Gln Gln Thr Phe Asn Leu Phe Ser Thr Lys Asp Ser
 85 90 95
 Ser Ala Ala Trp Asp Glu Thr Leu Leu Asp Lys Phe Tyr Ile Glu Leu
 100 105 110
 Phe Gln Gln Leu Asn Asp Leu Glu Ala Cys Val Thr Gln Glu Val Gly
 115 120 125
 Val Glu Glu Ile Ala Leu Met Asn Glu Asp Ser Ile Leu Ala Val Arg
 130 135 140
 Lys Tyr Phe Gln Arg Ile Thr Leu Tyr Leu Met Gly Lys Lys Tyr Ser
 145 150 155 160
 Pro Cys Ala Trp Glu Val Val Arg Ala Glu Ile Met Arg Ser Phe Ser
 165 170 175
 Phe Ser Thr Asn Leu Gln Lys Gly Leu Arg Arg Lys Asp
 180 185

<210> 11
 <211> 195
 <212> PRT
 <213> Homo sapiens

<400> 11
 Met Ala Phe Val Leu Ser Leu Leu Met Ala Leu Val Leu Val Ser Tyr
 1 5 10 15
 Gly Pro Gly Arg Ser Leu Gly Cys Tyr Leu Ser Glu Asp His Met Leu
 20 25 30
 Gly Ala Arg Glu Asn Leu Arg Leu Leu Ala Arg Met Asn Arg Leu Ser
 35 40 45
 Pro His Pro Cys Leu Gln Asp Arg Lys Asp Phe Gly Leu Pro Gln Glu
 50 55 60
 Met Val Glu Gly Asn Gln Leu Gln Lys Asp Gln Ala Ile Ser Val Leu
 65 70 75 80
 His Glu Met Leu Gln Gln Cys Phe Asn Leu Phe Tyr Thr Glu His Ser
 85 90 95
 Ser Ala Ala Trp Asn Thr Thr Leu Leu Glu Gln Leu Cys Thr Gly Leu
 100 105 110
 Gln Gln Gln Leu Glu Asp Leu Asp Ala Cys Leu Gly Pro Val Met Gly
 115 120 125
 Glu Lys Asp Ser Asp Met Gly Arg Met Gly Pro Ile Leu Thr Val Lys
 130 135 140
 Lys Tyr Phe Gln Gly Ile His Val Tyr Leu Lys Glu Lys Glu Tyr Ser

262

000270-26228150

145 150 155 160

Asp Cys Ala Trp Glu Ile Ile Arg Met Glu Met Met Arg Ala Leu Ser
 165 170 175

Ser Ser Thr Thr Leu Gln Lys Arg Leu Arg Lys Met Gly Gly Asp Leu
 180 185 190

Asn Ser Leu
 195

<210> 12
 <211> 196
 <212> PRT
 <213> Homo sapiens

<400> 12

Met Ala Phe Val Leu Ser Leu Leu Met Ala Leu Val Leu Val Ser Tyr
 1 5 10 15

Gly Pro Gly Gly Ser Leu Gly Cys Tyr Leu Ser Gln Arg Leu Met Leu
 20 25 30

Asp Ala Arg Glu Asn Leu Lys Leu Leu Glu Pro Met Asn Arg Leu Ser
 35 40 45

Pro His Ser Cys Leu Gln Asp Arg Lys Asp Phe Gly Leu Pro Gln Glu
 50 55 60

Met Val Glu Gly Asp Gln Leu Gln Lys Asp Gln Ala Phe Pro Val Leu
 65 70 75 80

Tyr Glu Met Leu Gln Gln Thr Phe Asn Leu Phe His Thr Glu His Ser
 85 90 95

Ser Ala Ala Trp Asp Thr Thr Leu Leu Glu Gln Leu Cys Thr Gly Leu
 100 105 110

Gln Gln Gln Leu Glu Asp Leu Asp Thr Cys Cys Arg Gly Gln Val Met
 115 120 125

Gly Glu Glu Asp Ser Glu Leu Gly Asn Met Asp Pro Ile Val Thr Val
 130 135 140

Lys Lys Tyr Phe Gln Gly Ile Tyr Asp Tyr Leu Gln Glu Lys Gly Tyr
 145 150 155 160

Ser Asp Cys Ala Trp Glu Ile Val Arg Val Glu Met Met Arg Ala Leu
 165 170 175

Thr Val Ser Thr Thr Leu Gln Lys Arg Leu Thr Lys Met Gly Gly Asp
 180 185 190

Leu Asn Ser Pro
 195

<210> 13
 <211> 170
 <212> PRT
 <213> Homo sapiens

263

000210-26228450

Met 1	Ala	Gln	Ile	Tyr 5	Leu	Val	Met	Ala	Gly 10	Val	Met	Leu	Cys	Ser 15	Ile
Ser	Val	Cys	Phe 20	Leu	Asp	Gln	Asn	Leu 25	Ser	Ala	Val	His	Cys 30	Val	Glu
Lys	Arg	Glu 35	Ile	Phe	Lys	His	Leu 40	Gln	Glu	Ile	Lys	Lys 45	Ile	Pro	Ser
Gln	Leu 50	Cys	Leu	Lys	Asp	Arg 55	Ile	Asp	Phe	Lys	Phe 60	Pro	Trp	Lys	Arg
Glu 65	Ser	Ile	Thr	Gln	Leu 70	Gln	Lys	Asp	Gln	Ala 75	Phe	Pro	Val	Leu	Tyr 80
Glu	Met	Leu	Gln	Gln 85	Thr	Phe	Asn	Leu	Phe 90	His	Thr	Glu	His	Ser 95	Ser
Ala	Ala	Trp	Asn 100	Thr	Thr	Leu	Leu	Asp 105	Gln	Leu	Leu	Ser	Ser 110	Leu	Asp
Leu	Gly	Leu 115	Arg	Arg	Leu	Glu	His 120	Met	Lys	Lys	Asp	Asn 125	Met	Asp	Cys
Pro	His 130	Val	Gly	Ser	Ala	Leu 135	Arg	Lys	Tyr	Phe	Gln 140	Gly	Ile	Gly	Leu
Tyr 145	Leu	Lys	Glu	Lys	Lys 150	Tyr	Ser	Pro	Cys	Ala 155	Trp	Glu	Ile	Val	Arg 160
Val	Glu	Ile	Glu	Arg 165	Cys	Phe	Ser	Leu	Thr 170						

<213> Homo sapiens

Met	Asn	Ser	Phe	Ser	Thr	Ser	Ala	Phe	Gly	Pro	Val	Ala	Phe	Ser	Leu
1				5					10					15	
Gly	Leu	Leu	Leu	Val	Leu	Pro	Ala	Ala	Phe	Pro	Ala	Pro	Val	Pro	Pro
			20					25					30		
Gly	Glu	Asp	Ser	Lys	Asp	Val	Ala	Ala	Pro	His	Arg	Gln	Pro	Leu	Thr
		35					40					45			
Ser	Ser	Glu	Arg	Ile	Asp	Lys	Gln	Ile	Arg	Tyr	Ile	Leu	Asp	Gly	Ile
	50					55					60				
Ser	Ala	Leu	Arg	Lys	Glu	Thr	Cys	Asn	Lys	Ser	Asn	Met	Cys	Glu	Ser
65					70					75					80
Ser	Lys	Glu	Ala	Leu	Ala	Glu	Asn	Asn	Leu	Asn	Leu	Pro	Lys	Met	Ala
				85					90					95	
Lys	Glu	Asp	Gly	Cys	Phe	Gln	Ser	Gly	Phe	Asn	Glu	Glu	Thr	Cys	Leu
			100					105					110		

264

<400> 15															
Met	Thr	His	Arg	Cys	Leu	Leu	Gln	Met	Val	Leu	Leu	Leu	Cys	Phe	Ser
1				5					10					15	
Thr	Thr	Ala	Leu	Ser	Arg	Ser	Tyr	Ser	Leu	Leu	Arg	Phe	Gln	Gln	Arg
			20					25					30		
Arg	Ser	Leu	Ala	Leu	Cys	Gln	Lys	Leu	Leu	Arg	Gln	Leu	Pro	Ser	Thr
		35					40					45			
Pro	Gln	His	Cys	Leu	Glu	Ala	Arg	Met	Asp	Phe	Gln	Met	Pro	Glu	Glu
	50					55					60				
Met	Lys	Gln	Ala	Gln	Gln	Phe	Gln	Lys	Glu	Asp	Ala	Ile	Leu	Val	Ile
65					70					75					80
Tyr	Glu	Met	Leu	Gln	Gln	Ile	Phe	Asn	Ile	Leu	Thr	Arg	Asp	Phe	Ser
				85					90					95	
Ser	Thr	Gly	Trp	Ser	Glu	Thr	Ile	Ile	Glu	Asp	Leu	Leu	Glu	Glu	Leu
			100					105					110		
Tyr	Glu	Gln	Met	Asn	His	Leu	Glu	Pro	Ile	Gln	Lys	Glu	Ile	Met	Gln
		115					120					125			
Lys	Gln	Asn	Ser	Thr	Met	Gly	Asp	Thr	Thr	Val	Leu	His	Leu	Arg	Lys
	130					135					140				
Tyr	Tyr	Phe	Asn	Leu	Val	Gln	Tyr	Leu	Lys	Ser	Lys	Glu	Tyr	Asn	Arg
145					150					155					160
Cys	Ala	Trp	Thr	Val	Val	Arg	Val	Gln	Ile	Leu	Arg	Asn	Phe	Ser	Phe
				165					170					175	

2605

266

Ser Thr Gly Trp Asn Ser Thr Thr Glu Asp Thr Ile Val Pro His Leu
100 105 110

Gly Lys Tyr Tyr Phe Asn Leu Met Gln Tyr Leu Glu Ser Lys Glu Tyr
115 120 125

Asp Arg Cys Ala Trp Thr Val Val Gln Val Gln Ile Leu Thr Asn Val
130 135 140

Ser Phe Leu Met Arg Leu Thr Gly Tyr Val Arg Asp
145 150 155

<210> 21

<211> 166

<212> PRT

<213> Homo sapiens

<400> 21

Met Ser Tyr Asn Leu Leu Gly Phe Leu Gln Arg Ser Ser Asn Phe Gln
1 5 10 15

Cys Gln Lys Leu Leu Trp Gln Leu Asn Gly Arg Leu Glu Tyr Cys Leu
20 25 30

Lys Asp Arg Met Asn Phe Asp Ile Pro Glu Glu Ile Lys Gln Leu Gln
35 40 45

Gln Phe Gln Lys Glu Asp Ala Ala Leu Thr Ile Tyr Glu Met Leu Gln
50 55 60

Asn Ile Phe Ala Ile Phe Arg Gln Asp Ser Ser Ser Thr Gly Trp Asn
65 70 75 80

Glu Thr Ile Val Glu Asn Leu Leu Ala Asn Val Tyr His Gln Ile Asn
85 90 95

His Leu Lys Thr Val Leu Glu Glu Lys Leu Glu Lys Glu Asp Phe Thr
100 105 110

Arg Gly Lys Leu Met Ser Ser Leu His Leu Lys Arg Tyr Tyr Gly Arg
115 120 125

Ile Leu His Tyr Leu Lys Ala Lys Glu Tyr Ser His Cys Ala Trp Thr
130 135 140

Ile Val Arg Val Glu Ile Leu Arg Asn Phe Tyr Phe Ile Asn Arg Leu
145 150 155 160

Thr Gly Tyr Leu Gly Asn
165

<210> 22

<211> 540

<212> DNA

<213> Homo sapiens

<400> 22

ctggattgca acctgctgaa cgttcatctg cgctgcgtga cctggcagaa cctgcgtcac 60

267

000210-2626460

```
<210> 23
<211> 31
<212> DNA
<213> Homo sapiens
```

```
<210> 24
<211> 33
<212> DNA
<213> Homo sapiens
```

```
<210> 25
<211> 86
<212> DNA
<213> Homo sapiens
```

```
<210> 26
<211> 27
<212> DNA
<213> Homo sapiens
```

```
<210> 27
<211> 271
<212> DNA
<213> Homo sapiens
```

$\langle 210 \rangle$	28
$\langle 211 \rangle$	32

268

```
<210> 34
<211> 30
<212> DNA
<213> Homo sapiens
```

269

<400> 34
 caacctatga agagggacat caagaaggcc 30

<210> 35
 <211> 22
 <212> DNA
 <213> Homo sapiens

<400> 35
 gcccgaagag tttctgcaat ac 22

<210> 36
 <211> 23
 <212> DNA
 <213> Homo sapiens

<400> 36
 ggctgtagg gacatttcat aga 23

<210> 37
 <211> 22
 <212> DNA
 <213> Homo sapiens

<400> 37
 tgctggcacc agacttgccc tc 22

<210> 38
 <211> 20
 <212> DNA
 <213> Homo sapiens

<400> 38
 cggtaccac atccaaggaa 20

<210> 39
 <211> 18
 <212> DNA
 <213> Homo sapiens

<400> 39
 gctggaatta ccgcggct 18

<210> 40
 <211> 26
 <212> DNA
 <213> Homo sapiens

<400> 40
 aagcttcttg gtcttaacgc cagccc 26

<210> 41
 <211> 22
 <212> DNA
 <213> Homo sapiens

000210-062460

<400> 41
 tcaatgtgga ccagctgaac at 22
 ,
 <210> 42
 <211> 20
 <212> DNA
 <213> Homo sapiens

 <400> 42
 cgtccacgga atgagaccat 20

 <210> 43
 <211> 21
 <212> DNA
 <213> Homo sapiens

 <400> 43
 ccacggttcc ctgcctggca g 21

 <210> 44
 <211> 21
 <212> DNA
 <213> Homo sapiens

 <400> 44
 ggatctgctg gaggaaggaa a 21

 <210> 45
 <211> 22
 <212> DNA
 <213> Homo sapiens

 <400> 45
 gatgagctcg ctggtaagtt tt 22

 <210> 46
 <211> 34
 <212> DNA
 <213> Homo sapiens

 <400> 46
 tggcagctat aaacctaacc cccaaatcta tgtc 34

 <210> 47
 <211> 20
 <212> DNA
 <213> Homo sapiens

 <400> 47
 ctttgatgcc ctgggtcagt 20

 <210> 48
 <211> 19
 <212> DNA

271

000210-012000-09487792

19

22

22

19

23 .

23

24